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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Britton et al.

Application No: 10/051,619

Filing Date: October 29, 2001

Entitled: **METHODS AND APPARATUS FOR  
REAL-TIME BUSINESS VISIBILITY  
USING PERSISTENT SCHEMA-LESS  
DATA STORAGE**

Atty Docket: 0103488-00005

Group Art Unit: 21832175

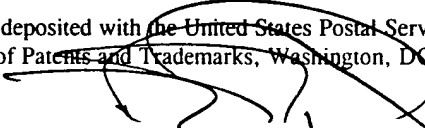
Examiner: *Abel-Jalil, Naveen*

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5-21-02  
Date

  
David J. Powsner, Reg. No. 31,868

Assistant Commissioner for Patents  
Washington, DC 20231

Preliminary Amendment

Dear Sir:

Please amend the application as follows. Markups reflecting changes made to the specification are attached.

Clean Copy of Paragraph 1 of Page 2

AI This application claims the benefit of United States Provisional Patent Application Serial No. 60/324,037, filed September 21, 2001, entitled "Methods and Apparatus for Real-Time Business Visibility Using Persistent Schema-Less Data Storage" and U.S. Provisional Patent Application Serial No. 60/291,185, filed on May 15, 2001, entitled "Methods and Apparatus for Enterprise Application Integration." This application is also a continuation-in-part of United States Patent Application Serial No. 09/917,264, filed July 27, 2001, entitled "Methods and Apparatus for Enterprise Application Integration." The teachings of all of the foregoing applications are incorporated by reference.

**Clean Copy of Paragraph 4 of Page 17**

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A further understanding of the operation of the framework server 116 may be attained by reference to the appendix filed with United States Patent Application Serial No. 09/917,264, filed July 27, 2001, and entitled "Methods and Apparatus for Enterprise Application Integration," which appendix is incorporated herein by reference. Likewise, the content of Figure 4 and the subparts hereof may be discerned from a more legible copy thereof filed with aforesaid United States Patent Application Serial No. 09/917,264, filed July 27, 2001, and entitled "Methods and Apparatus for Enterprise Application Integration," which Figure and subparts are incorporated herein by reference.